

FM/AM Compact Disc Player

Operating Instructions _____ **US**

Mode d'emploi _____ **FR**

Manual de instrucciones _____ **ES**

Owner's Record

The model and serial numbers are located on the bottom of the unit.
Record these numbers in the space provided below.
Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. _____ Serial No. _____

POR FAVOR LEA DETALLADAMENTE ESTE MANUAL
DE INSTRUCCIONES ANTES DE CONECTAR Y OPERAR
ESTE EQUIPO.
RECUERDE QUE UN MAL USO DE SU APARATO
PODRÍA ANULAR LA GARANTÍA.

For installation and connections, see the supplied installation/connections manual.
En ce qui concerne l'installation et les connexions, consulter le manuel
d'installation/raccordement fourni.
Para obtener información sobre la instalación y las conexiones, consulte el manual
de instalación/conexiones suministrado.



CDX-M8805X CDX-M8800

Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

CAUTION

The use of optical instruments with this product will increase eye hazard.

Welcome !

Thank you for purchasing this Sony Compact Disc Player. You can enjoy its various features even more with:

- MP3 file playback.
- CD-R/CD-RW which can have a session added can be played (page 7).
- Discs recorded in Multi Session can be played, depending on the recording method (page 8).
- Optional CD/MD units (both changers and players)*¹.
- ID3 tag*² version 1.0, 1.1, 2.2, 2.3 or 2.4 information (displayed when an MP3 file is played).
- CD TEXT information (displayed when a CD TEXT disc*³ is played).
- **Supplied controller accessory**
Card remote commander RM-X143A
- **Optional controller accessories**
Wireless rotary commander RM-X6S
Wired rotary commander RM-X4S

*¹ This unit works with Sony products only.

*² ID3 tag is an MP3 file that contains information about album name, artist name, track name, etc.

*³ A CD TEXT disc is an audio CD that includes information such as the disc name, artist name, and track names. This information is recorded on the disc.



The “XM Ready” logo indicates that this product will control a Sony XM tuner module (sold separately).

Please see your nearest authorized Sony dealer for details on the XM tuner module.

For instructions on XM tuner operation, please refer to the XM tuner module’s included instruction manual.



The BBE MP process improves digitally compressed sound, such as MP3, by restoring and enhancing the higher harmonics lost through compression. BBE MP works by generating even-order harmonics from the source material, effectively recovering warmth, detail and nuance.

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* Functions available with optional CD/MD unit

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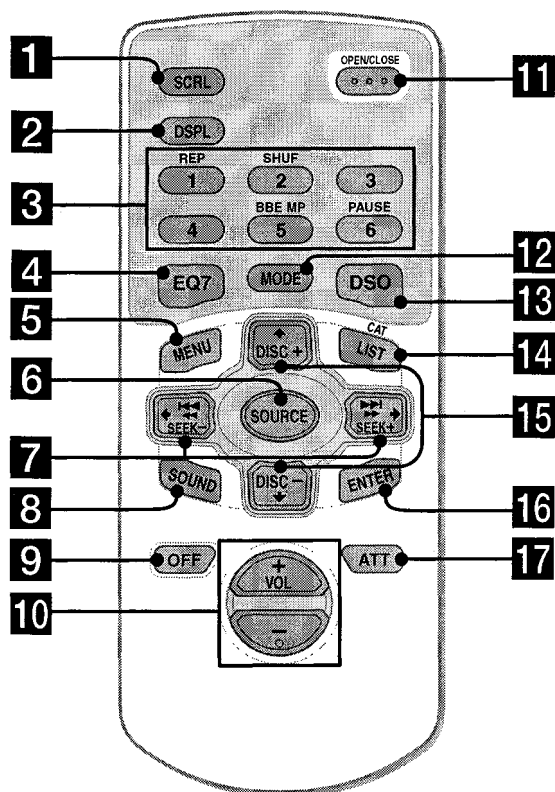
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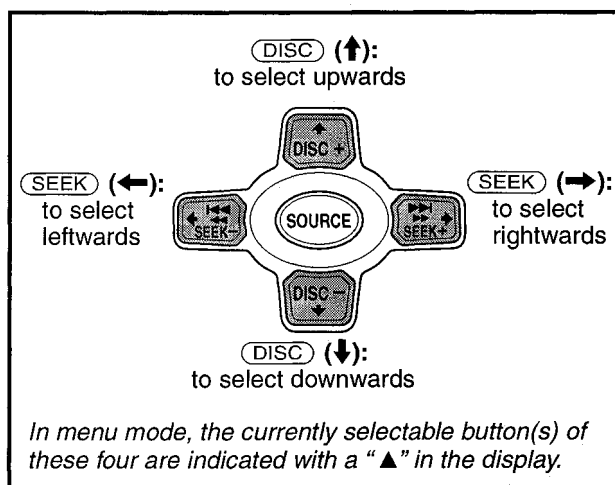
Location of controls

Card remote commander RM-X143A



Refer to the pages listed for details.

- 1 SCRL (scroll) button** 12
- 2 DSPL (display mode change) button** 12, 14
- 3 Number buttons**
Radio:
To store stations/receive stored stations.
CD/MD:
①: **REP** 13
②: **SHUF** 13
⑥: **PAUSE***1 11
Sound:
⑤: **BBE MP***1 20
- 4 EQ7 button** 22
- 5 MENU button**
To display the menus.
- 6 SOURCE (Power on/Radio/CD/MD*2/AUX*3) button**
To select the source.
- 7 SEEK/AMS (←/→) buttons**
To skip tracks/fast-forward, reverse a track/tune in stations automatically, find a station manually/select a setting.
- 8 SOUND button** 18, 20



Note

If the display disappears by pressing **OFF**, it cannot be operated with the card remote commander unless **SOURCE** on the unit is pressed, or a disc is inserted to activate the unit first.

Tip

For details on how to replace the battery, see "Replacing the lithium battery" on page 25.

- 9 OFF (Stop/Power off) button** 11, 18, 24
- 10 VOL (+/-) buttons**
To turn up or down the volume.
- 11 OPEN/CLOSE button** 10, 11
- 12 MODE button**
To change the operation.
- 13 DSO button** 23
- 14 LIST (CAT)*4 button** 15, 18
- 15 DISC (ALBUM) (↑/↓) buttons**
To receive preset stations/change the disc*5, skip albums*6/select a menu.
- 16 ENTER button**
To enter a setting.
- 17 ATT button** 20

*1 Available only when playing back on this unit.

*2 When an optional MD unit is connected.

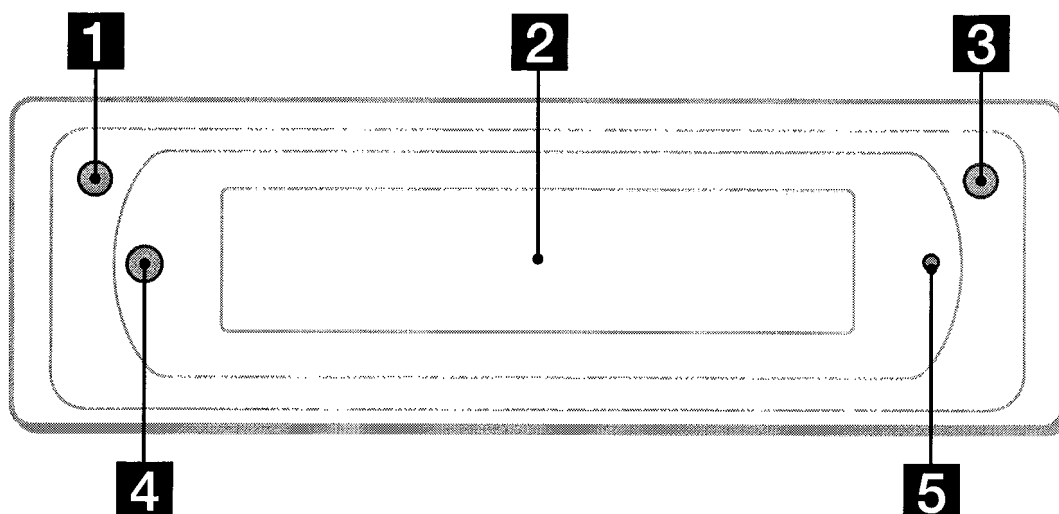
*3 Available only when an optional Sony portable device is connected to AUX IN terminal of the unit. When you connect a Sony portable device and CD/MD unit(s) at the same time, use the AUX IN selector.

*4 The CAT button is available only when the XM tuner is connected.

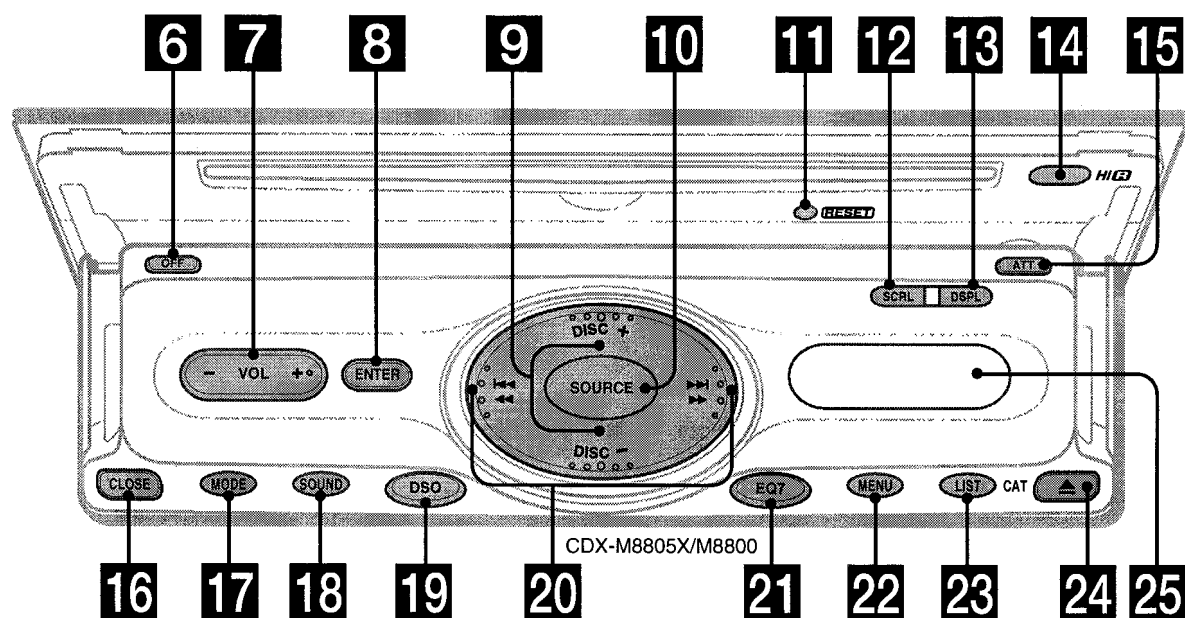
*5 When an optional CD/MD unit is connected.

*6 Available only when an MP3 file is played.

Main display side



Operation side



The buttons on the unit share the same functions as those on the card remote commander.

- 1** OPEN button 10, 11
- 2** Main display window
- 3** IMAGE button 23
- 4** **14** Receptor for the card remote commander
- 5** **11** RESET button 9
- 6** OFF (Stop/Power off) button*7
- 7** VOL (-/+) button
- 8** ENTER button
- 9** DISC (ALBUM) (+/-) button
- 10** SOURCE button

- 12** SCRL (scroll) button
- 13** DSPL (display mode change) button
- 15** ATT button
- 16** CLOSE (front panel close) button 10
- 17** MODE button
- 18** SOUND button
- 19** DSO button
- 20** SEEK/AMS (|<<<|>>>|) button
- 21** EQ7 button
- 22** MENU button
- 23** LIST (CAT)*8 button
- 24** ▲ (eject) button 11
- 25** Sub display window

continue to next page →

- *7 **Warning when installing in a car without an ACC (accessory) position on the ignition switch**
After turning off the ignition, be sure to press and hold **OFF** on the unit until the display disappears. Otherwise, the display does not turn off and this causes battery drain.
- *8 *The CAT button is available only when the XM tuner is connected.*

Selecting a disc and album

Disc and album can be skipped using the DISC (ALBUM) (↑/↓) buttons.

(With this unit)

To	Press
Skip albums* ⁹ – Album selection	↑ or ↓ [once for each album] To continuously skip albums, press and hold either button.

(With optional unit)

To	Press
Skip discs – Disc selection	↑ or ↓ [once for each disc] To continuously skip discs, press once and press again within about 1 second (and hold) either button.
Skip albums* ⁹ – Album selection	↑ or ↓ [hold for a moment] and release. To continuously skip albums, press (and hold) within about 1 second of first releasing the button.

*⁹ Available only when an MP3 file is played.

Skipping tracks continuously

Press once either SEEK/AMS (← or →) button, then press again within about 1 second and hold.

Precautions

- If your car has been parked in direct sunlight, allow the unit to cool off before operating it.
- Power antenna will extend automatically while the unit is operating.

Caution

While driving, do not use the CUSTOM FILE feature or any other functions which may divert your attention from the road.

If you have any questions or problems concerning your unit that are not covered in this manual, please consult your nearest Sony dealer.

Moisture condensation

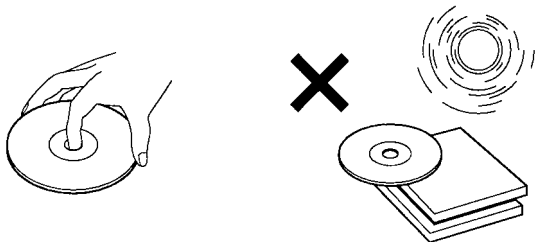
On a rainy day or in a very damp area, moisture condensation may occur inside the lenses and display of the unit. Should this occur, the unit will not operate properly. In such a case, remove the disc and wait for about an hour until the moisture has evaporated.

To maintain high sound quality

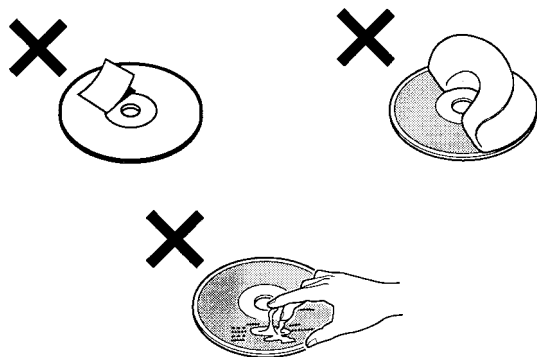
Be careful not to splash juice or other soft drinks onto the unit or discs.

Notes on discs

- To keep a disc clean, do not touch its surface. Handle the disc by its edge.
- Keep your discs in their cases or disc magazines when not in use.
- Do not subject discs to heat/high temperature. Avoid leaving them in a parked car or on a dashboard/rear tray.



- Do not attach labels, or use discs with sticky ink/residue. Such discs may stop spinning when used, causing a malfunction, or may ruin the disc.



- Do not use any discs with labels or stickers attached. The following malfunctions may result from using such discs:
 - Inability to eject a disc (due to a label or sticker peeling off and jamming the eject mechanism).
 - Inability to read audio data correctly (e.g., playback skipping, or no playback) due to heat shrinking of a sticker or label causing a disc to warp.
- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this unit. Attempting to do so may damage the unit. Do not use such discs.
- You cannot play 8 cm (3 in) CDs.

- Before playing, clean the discs with a commercially available cleaning cloth. Wipe each disc from the center out. Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for analog discs.









Music discs encoded with copyright protection

This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

Notes on CD-Rs (recordable CDs)/CD-RWs (rewritable CDs)

This unit can play the following discs:

Type of discs	Label on the disc
Audio CD	 
MP3 files	   

- Some CD-Rs/CD-RWs (depending on the equipment used for its recording or the condition of the disc) may not play on this unit.
- You cannot play a CD-R/CD-RW that is not finalized*.
- You can play MP3 files recorded on CD-ROMs, CD-Rs, and CD-RWs.
- A CD-R/CD-RW to which a session can be added can be played.

* A process necessary for a recorded CD-R/CD-RW disc to be played on the audio CD player.

About MP3 files

MP3 (MPEG 1 Audio Layer-3) is a standard technology and format for compressing a sound sequence. The file is compressed to about 1/10 of its original size. Sounds outside the range of human hearing are compressed while the sounds we can hear are not compressed.

Notes on discs

You can play MP3 files recorded on CD-ROMs, CD-Rs, and CD-RWs.

The disc must be in the ISO 9660*¹ level 1 or level 2 format, or Joliet or Romeo in the expansion format*².

You can use a disc recorded in Multi Session*³.

*1 ISO 9660 Format

The most common international standard for the logical format of files and folders on a CD-ROM.

There are several specification levels. In Level 1, file names must be in the 8.3 format (no more than 8 characters in the name, no more than 3 characters in the extension “.mp3”) and in capital letters. Folder names can be no longer than 8 characters. There can be no more than 8 nested folder levels. Level 2 specifications allow file names up to 31 characters long.

Each folder can have up to 8 trees.

For Joliet or Romeo in the expansion format, make sure of the contents of the writing software, etc.

*2 Expansion format

Joliet: The maximum number of characters for album (folder) names/track (file) names that can be displayed is 32 each.

Romeo: The maximum number of characters for album (folder) names/track (file) names that can be displayed is 64 each.

*3 Multi Session

This is a recording method that enables adding of data using the Track-At-Once method. Conventional CDs begin at a CD control area called the Lead-in and end at an area called Lead-out. A Multi Session CD is a CD having multiple sessions, with each segment from Lead-in to Lead-out regarded as a single session.

CD-Extra: The format which records audio (audio CD data) as tracks on session 1, and records data as tracks on session 2.

Mixed CD: In this format, data is recorded as track 1, and audio (audio CD data) is recorded as track 2.

Notes

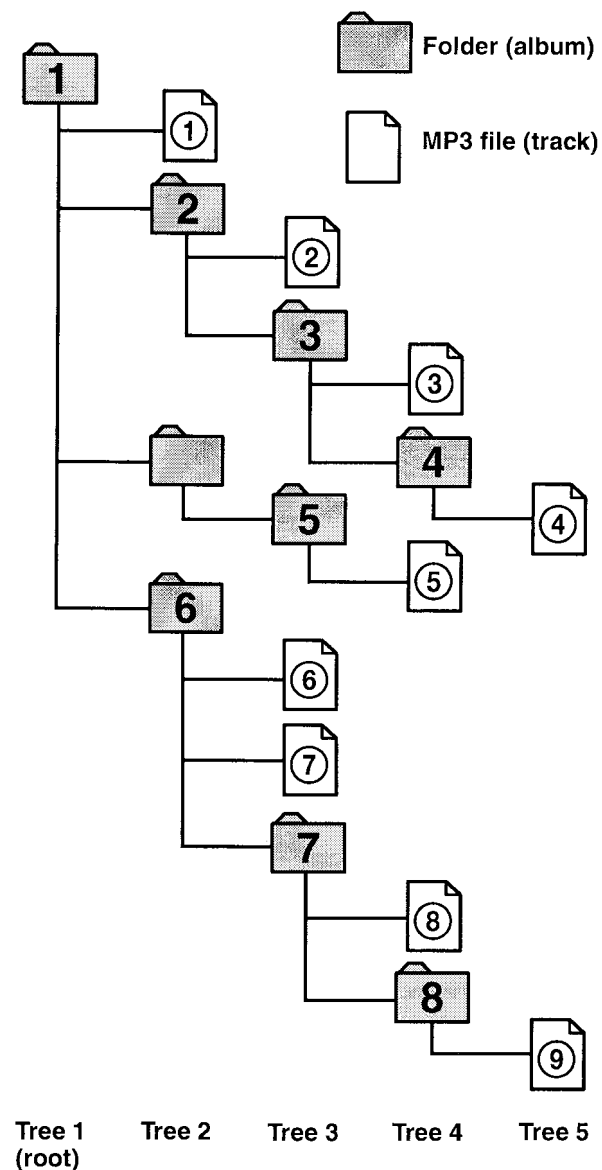
- With formats other than ISO 9660 level 1 and level 2, folder names or file names may not be displayed correctly.
- When naming, be sure to add the file extension “.mp3” to the file name.
- If you put the extension “.mp3” to a file other than MP3, the unit cannot recognize the file properly and will generate random noise that could damage your speakers.
- The following discs take a longer time to start playback.
 - a disc recorded with complicated tree structure.
 - a disc recorded in Multi Session.
 - a disc to which data can be added.
- If you play a high-bit rate MP3 file such as 320 kbps, sound may be intermittent.

Cautions when playing a disc that is recorded in Multi Session

- When the first track of the first session is audio CD data:
 - Only audio CD data of the first session is played back.
 - Any data in subsequent sessions is skipped.
- When the first track of the first session is not audio CD data:
 - If an MP3 file is in the disc, only MP3 file(s) is played back and other data is skipped. (Audio CD data is not recognized.)
 - If no MP3 file is in the disc, “NO Music” is displayed and nothing is played back. (Audio CD data is not recognized.)

The playback order of the MP3 files

The playback order of the folders and files is as follows:



Notes

- A folder that does not include an MP3 file is skipped.
- When you insert a disc with many trees, it takes a longer time to start playback. We recommend that you make only 1 or 2 trees for each disc.
- Maximum folder number: 150 (including root folder and empty folders)
- The maximum number of MP3 files and folders that can be contained in a disc: 300
When a file/folder name contains many characters, this number may become less than 300.

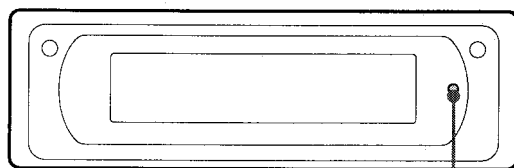
Tip

To specify a desired playback order, before the folder or file name, input the order by number (e.g., "01," "02"), then record contents onto a disc. (The order differs depending on the writing software.)

Getting Started

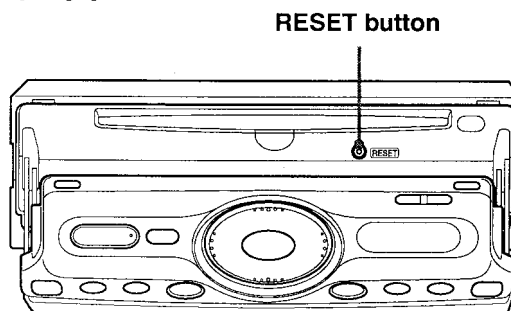
Resetting the unit

Before operating the unit for the first time, or after replacing the car battery or changing the connections, you must reset the unit. Press the RESET button with a pointed object, such as a ball-point pen.



RESET button

Resetting the unit during use in sub-display position



RESET button

Notes

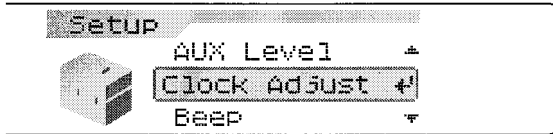
- Pressing the RESET button will erase the clock setting and some stored contents.
- After resetting the unit, press **OPEN/CLOSE** on the card remote commander to make sure the front panel opens and closes correctly once before operating further.

Setting the clock

The clock uses a 12-hour digital indication.

Example: To set the clock to 10:08

- 1 Press **(MENU)**, then press **↑** or **↓** repeatedly until “Clock Adjust” appears.



- 1 Press **(ENTER)**.
The hour indication flashes.
- 2 Press **↑** or **↓** to set the hour.
- 3 Press **→**.
The minute indication flashes.
- 4 Press **↑** or **↓** to set the minute.

- 2 Press **(ENTER)**.

10:08

The clock starts. After the clock setting is complete, the display returns to normal play mode.

Tip

When Clock mode is set to “on,” the time is displayed (page 21).

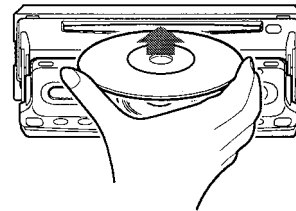
CD Player CD/MD Unit (optional)

In addition to playing a CD with this unit, you can also control external CD/MD units.

Playing a disc

(With this unit)

- 1 Press **(OPEN/CLOSE)** or **(OPEN)** on the unit and insert the disc (labeled side up).
Playback starts automatically.



- 2 Press **(OPEN/CLOSE)** or **(CLOSE)** on the unit to close the front panel.

If a disc is already inserted, press **(SOURCE)** repeatedly until “CD” appears to start playback.

To	Press
Pause* ¹	(6) (PAUSE)
Stop playback	(OFF)
Eject the disc	(OPEN/CLOSE) or (OPEN) then ▲ on the unit
Skip tracks – Automatic Music Sensor	(SEEK) (←/→) [once for each track]
Fast-forward/ reverse – Manual Search	(SEEK) (←/→) [hold to desired point]
Skip albums* ² – Album selection	(DISC) (↑/↓) [hold to desired point]

*¹ Pause is available only when playing back on this unit (when playing back on the optional unit, pause is not available). To cancel pause, press (6) (PAUSE) again.

*² Available only when an MP3 file is played.

To skip tracks continuously, press ← or →, then press again within about 1 second and hold.

Notes

- Before playing a track, this unit reads all track and album information on the disc. Depending on the track structure, it may take more than a minute before playback begins. During this time, "Read" is displayed. Play will automatically start when reading is complete.
- Depending on the condition of the disc, it may not play back (page 7, 8).
- While the first/last track on the disc is playing, if ← or → is pressed, playback skips to the last/first track of the disc.
- When the last track on the disc is over, playback restarts from the first track of the disc.
- If you play a high-bit rate MP3 file such as 320 kbps, sound may be intermittent.

(With optional unit)

1 Press (SOURCE) repeatedly to select "CD" or "MD (MS*¹)."

2 Press (MODE) repeatedly until the desired unit appears.
Playback starts.

To	Press
Skip discs – Disc selection	(DISC) (↑/↓) [once for each disc]
Skip albums* ² – Album selection	(DISC) (↑/↓) [hold to desired point]

*¹ MS: MG Memory Stick System-up Player MGS-X1

*² Available only when an MP3 file is played.

Cautions when connecting MGS-X1 and MD unit(s)
This unit recognizes MGS-X1 as an MD unit.

- When you want to play MGS-X1, press (SOURCE) to select "MS" or "MD." When "MS" appears in the source display, MGS-X1 starts to play. When "MD" appears in the source display, press (MODE) to select "MS," to start playback.
- When you want to play an MD unit, press (SOURCE) to select "MD" or "MS." When your desired MD unit appears in the source display, it starts to play. When "MS" or another MD unit appears in the source display, press (MODE) to select your desired MD unit, to start playback.

Notes when playing back a disc with non-audio CD data/MP3 file

If a disc with non-audio CD data/MP3 file is inserted:

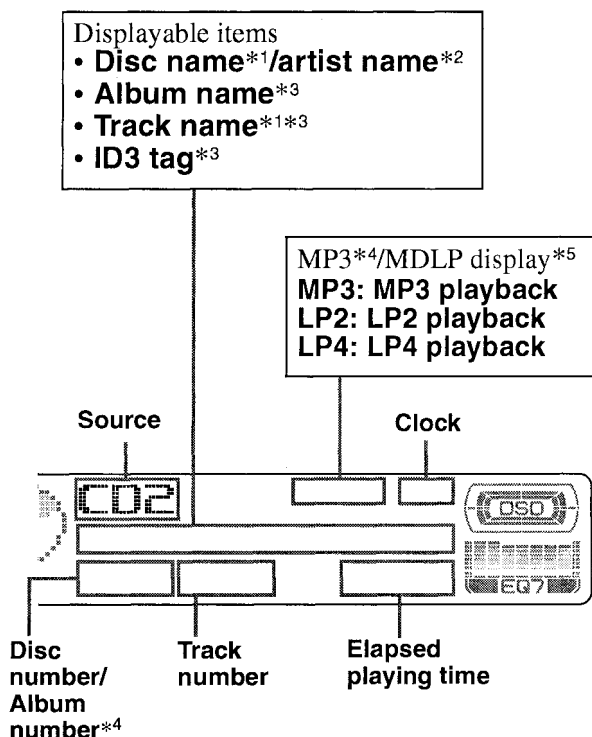
- in the case of this unit, "NO Music" appears in the display, and the display becomes the clock display (CD playback stops).
- in the case of an optional MP3 compatible CD unit, "NO Music" appears in the display and playback of the next disc starts.
- in the case of an optional CD unit, which is incompatible with MP3, the disc will play back with no sound.

Note

With an optional unit connected, playback of the same source will continue on to the optional CD/MD unit.

Display items

When the disc/album/track changes, any prerecorded title*¹ of the new disc/album/track is automatically displayed. (If the A.Scroll (Auto Scroll) function is set to "on," names exceeding 12 characters will be scrolled (page 21).)



To	Press
Switch display item	(DSPL)
Scroll display item	(SCRL)

*¹ When pressing (DSPL), "NO Disc Name" or "NO Track Name" indicates that there is no Disc Memo (page 14) or prerecorded name to display.

*² Only for CD TEXT discs with the artist name.

*³ Only for MP3 files.

Only track name/artist name/album name in ID3 tag is displayed.

When pressing (DSPL), "NO ID3 Tag" indicates that there is no ID3 tag to display.

*⁴ Available only when an MP3 file is played.

*⁵ Available only when an optional MD unit with the MDLP function is connected, and an MDLP disc is played.

Notes

- Some characters cannot be displayed.
- For some CD TEXT discs or ID3 tags with very many characters, information may not scroll.
- This unit cannot display the artist name for each track of a CD TEXT disc.

Notes on MP3

- ID3 tag applies only to version 1.0, 1.1, 2.2, 2.3 and 2.4.
- Some characters and signs cannot be displayed (appear as "□"). The maximum number of displayable characters for an album (folder) name/track (file) is 64 (Romeo) or 32 (Joliet); ID3 tag 30 characters (1.0, 1.1, 2.2 and 2.3) or 126 characters (2.4).
- In the following cases, elapsed playing time may not be displayed accurately.
 - when an MP3 file of VBR (variable bit rate) is played.
 - during fast-forward/reverse.

Tip

When the A.Scroll (Auto Scroll) function is set to "off," and the disc/album/track is changed, the disc/album/track name or ID3 tag does not scroll.

Playing tracks repeatedly

— Repeat Play

You can select:

- REP-Track — to repeat the current track.
- REP-Album*¹ — to repeat the tracks in the current album.
- REP-Disc*² — to repeat the tracks in the current disc.

*¹ Available only when an MP3 file is played.

*² Available only when one or more optional CD/MD units are connected.

During playback, press (1) (REP) repeatedly until the desired setting appears in the display.

Repeat Play starts.

To return to normal play mode, select “REP-off.”

Playing tracks in random order

— Shuffle Play

You can select:

- SHUF-Album*¹ — to play the tracks in the current album in random order.
- SHUF-Disc — to play the tracks in the current disc in random order.
- SHUF-Changer*² — to play the tracks in the current optional CD (MD) changer in random order.
- SHUF-All*³ — to play all the tracks in all the connected CD (MD) units (including this unit) in random order.

*¹ Available only when an MP3 file is played.

*² Available only when one or more optional CD (MD) changers are connected.

*³ Available only when one or more optional CD units, or two or more optional MD units are connected.

During playback, press (2) (SHUF) repeatedly until the desired setting appears in the display.

Shuffle Play starts.

To return to normal play mode, select “SHUF-off.”

Note

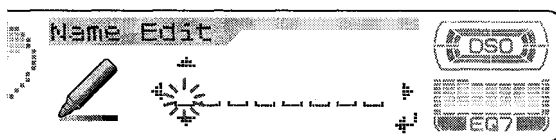
“SHUF-All” will not shuffle tracks between CD units and MD units.

Labeling a CD

— Disc Memo (When connecting a CD unit with the CUSTOM FILE function)

You can label each disc with a custom name (Disc Memo). You can enter up to 8 characters for a disc. If you label a CD, you can locate the disc by name (page 15).

- 1 Start playing the disc you want to label in a CD unit with the CUSTOM FILE function.
- 2 Press **(MENU)**, then press **↑** or **↓** repeatedly until "Name Edit" appears.
- 3 Press **(ENTER)**.



- 4 Enter the characters.

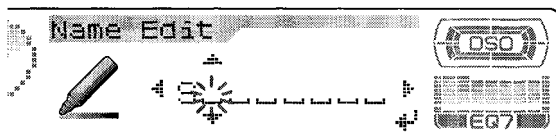
- 1 Press **↑***1 repeatedly to select the desired character.

A → B → C ... → 0 → 1 → 2 ... → +
→ - → * ... → _*2 → A

*1 For reverse order, press **↓**.

*2 (blank space)

- 2 Press **→** after locating the desired character.



If you press **←**, you can move back to the left.

- 3 Repeat steps 1 and 2 to enter the entire name.

- 5 Press **(ENTER)**.

The unit returns to normal play mode.

Tips

- Simply overwrite or enter " " to correct or erase a character.
- There is another way to start labeling a CD: Press **(LIST)** (CAT) for 2 seconds instead of performing steps 2 and 3. You can also complete the operation by pressing **(LIST)** (CAT) for 2 seconds instead of step 5.
- You can label CDs on a unit without the CUSTOM FILE function if that unit is connected along with a CD unit that has the function. The Disc Memo will be stored in the memory of the CD unit with the CUSTOM FILE function.

Viewing the Disc Memo

As a display item, the Disc Memo always takes priority over any original CD TEXT information.

To	Press
View	(DSPL) during CD/CD TEXT disc playback

Tip

To find out about other items that can be displayed, see page 12.

Erasing the Disc Memo

- 1 Press **(SOURCE)** repeatedly to select "CD."
- 2 Press **(MODE)** repeatedly to select the CD unit storing the Disc Memo.
- 3 Press **(MENU)**, then press **↑** or **↓** repeatedly until "Name Delete" appears.
- 4 Press **(ENTER)**.
The stored names will appear.
- 5 Press **↑** or **↓** repeatedly to select the disc name you want to erase.
- 6 Press **(ENTER)** for 2 seconds.
The name is erased.
Repeat steps 5 and 6 if you want to erase other names.
- 7 Press **(MENU)** twice.
The unit returns to normal play mode.

Notes

- When the Disc Memo for a CD TEXT disc is erased, the original CD TEXT information is displayed.
- If you cannot find the Disc Memo you want to erase, try selecting a different CD unit in step 2.
- If you have already erased all of the Disc Memo, "NO Data" appears and the unit returns to normal play mode in step 4 or 6.

Locating a disc by name

— List-up (When connecting a CD unit with the CD TEXT/CUSTOM FILE function, or an MD unit)

You can use this function for discs that have been assigned custom names*¹ or for CD TEXT discs*².

*¹ Locating a disc by its custom name: when you assign a name for a CD (page 14) or an MD.

*² Locating discs by the CD TEXT information: when you play a CD TEXT disc on a CD unit with the CD TEXT function.

- 1 During playback, press **(LIST)** (**CAT**).
The name assigned to the current disc appears in the display.



- 2 Press **↑** or **↓** repeatedly until you find the desired disc.
- 3 Press **(ENTER)** to play the disc.

Note

Some letters cannot be displayed (exception: the letters stored by Disc Memo).

Radio

The unit can store up to 6 stations per band (FM1, FM2, FM3, AM1, and AM2).

Caution

When tuning in stations while driving, use Best Tuning Memory to prevent accidents.

Storing stations automatically

— Best Tuning Memory (BTM)

The unit selects the stations with the strongest signals within the selected band, and stores them in the order of their frequency.

- 1 Press **(SOURCE)** repeatedly to select the radio.
- 2 Press **(MODE)** repeatedly to select the band.
- 3 Press **(MENU)**, then press **↑** or **↓** repeatedly until “BTM” appears.
- 4 Press **(ENTER)**.

The unit stores stations in the order of their frequencies on the number buttons.

A beep sounds when the setting is stored.

Notes

- If only a few stations can be received due to weak signals, some number buttons will retain their former settings.
- When a number is indicated in the display, the unit starts storing stations from the one currently displayed.

Receiving the stored stations

- 1 Press **(SOURCE)** repeatedly to select the radio.
- 2 Press **(MODE)** repeatedly to select the band.
- 3 Press the number button (**(1)** to **(6)**) on which the desired station is stored.

Tip

Press **↑** or **↓** to receive the stations in the order they are stored in the memory (Preset Search function).

If preset tuning does not work

Press **←** or **→** to search for the station (automatic tuning).

Scanning stops when the unit receives a station. Repeat until the desired station is received.

Tips

- If automatic tuning stops too frequently, turn on the Local Seek to limit seek to stations with stronger signals. For details, see "Changing the sound and display settings" on page 21.
- If you know the frequency of the station you want to listen to, press and hold **←** or **→** to locate the approximate frequency, then press **←** or **→** repeatedly to fine adjust to the desired frequency (manual tuning).

If FM stereo reception is poor

Select monaural reception mode

For details, see "Changing the sound and display settings" on page 21.

The sound improves, but becomes monaural ("ST" disappears).

Note

If interference occurs, this unit will automatically narrow the reception frequency to eliminate noise (IF Auto function). In such cases, some FM stereo broadcasts may become monaural while in the stereo reception mode.

Tips

- To always hear FM stereo broadcasts in stereo, you can change the IF Auto setting and widen the frequency signal reception. For details, see "Changing the sound and display settings" on page 21. Note that some interference may occur in this setting.
- If FM broadcasts are difficult to hear, set DSO to "OFF" (page 23).

Storing only the desired stations

You can manually preset the desired stations on any chosen number button.

- 1 Press **(SOURCE)** repeatedly to select the radio.
- 2 Press **(MODE)** repeatedly to select the band.
- 3 Press **←** or **→** to tune in the station that you want to store.
- 4 Press the desired number button (**(1)** to **(6)**) for 2 seconds until the preset number appears.

Note

If you try to store another station on the same number button, the previously stored station will be erased.

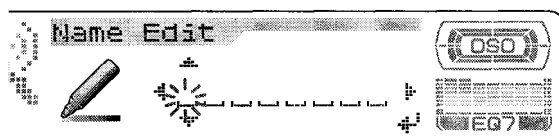
Storing station names

— Station Memo

You can assign a name to each radio station and store it in memory. The name of the station currently tuned in appears in the display. You can assign a name using up to 8 characters for a station.

Storing the station names

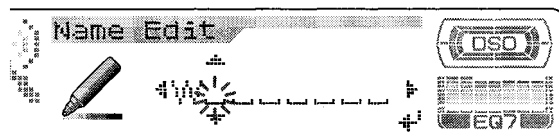
- 1 Tune in a station whose name you want to store.
- 2 Press **(MENU)**, then press **↑** or **↓** repeatedly until “Name Edit” appears.
- 3 Press **(ENTER)**.



- 4 Enter the characters.
 - 1 Press **↑***1 repeatedly to select the desired character.

A → B → C ... → 0 → 1 → 2 ... → +
→ - → * ... → _ *2 → A

*1 For reverse order, press **↓**.
*2 (blank space)
 - 2 Press **→** after locating the desired character.



If you press **←**, you can move back to the left.

- 3 Repeat steps 1 and 2 to enter the entire name.
- 5 Press **(ENTER)**.

The unit returns to normal radio reception mode.

Tips

- Simply overwrite or enter “_” to correct or erase a character.
- There is another way to start storing station names: Press **(LIST)** (CAT) for 2 seconds instead of performing steps 2 and 3. You can also complete the operation by pressing **(LIST)** (CAT) for 2 seconds instead of step 5.

Erasing the station name

- 1 During radio reception, press **(MENU)**, then press **↑** or **↓** repeatedly until “Name Delete” appears.
- 2 Press **(ENTER)**.
- 3 Press **↑** or **↓** repeatedly to select the station whose name you want to erase.
- 4 Press **(ENTER)** for 2 seconds.

The name is erased.
Repeat steps 3 to 4 if you want to erase other names.
- 5 Press **(MENU)** twice.

The unit returns to normal radio reception mode.

Note

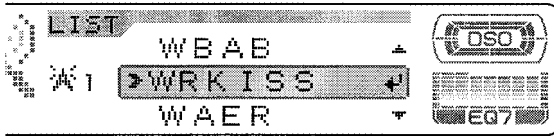
If you have already erased all of the station names, “NO Data” appears and the unit returns to normal play mode in step 2 or 4.

Tuning in a station through a list

— List-up

- 1 During radio reception, press **(LIST)** **(CAT)**.

The frequency or the name assigned to the current station appears in the display.



- 2 Press **↑** or **↓** repeatedly until you find the desired station.

If no name is assigned to the selected station, the frequency appears in the display.

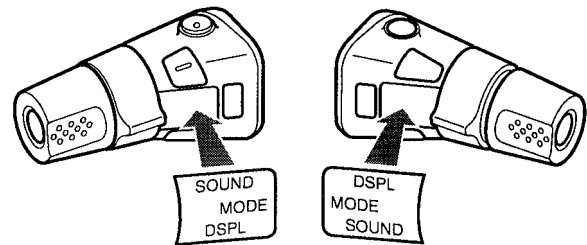
- 3 Press **(ENTER)** to tune in the station.

Other Functions

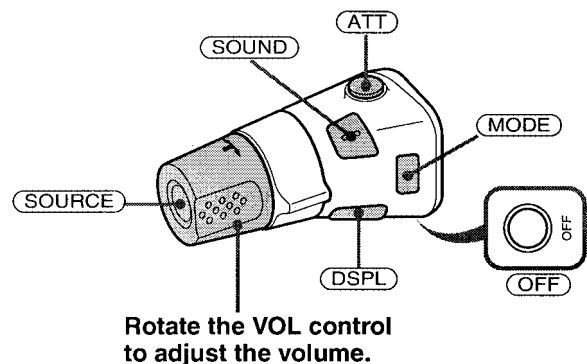
You can also control the unit (and optional CD/MD units) with a rotary commander (**optional**).

Using the rotary commander

First, attach the appropriate label depending on how you want to mount the rotary commander. The rotary commander works by pressing buttons and/or rotating controls.

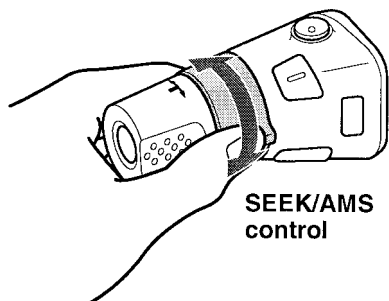


By pressing buttons



Press	To
(SOURCE)	Change the source (Radio/CD/MD*1/AUX*2)/Power on
(MODE)	Change operation (Radio band/CD unit*1/MD unit*1)
(ATT)	Attenuate the sound
(OFF) *3	Stop playback or radio reception/Power off
(SOUND)	Adjust the sound settings
(DSPL)	Change the display item (For 2 seconds to scroll the display item)

By rotating the control



Rotate and release to:

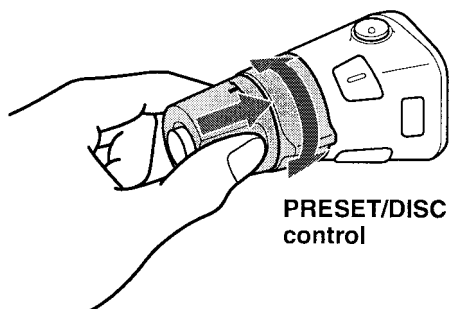
- Skip tracks.
To continuously skip tracks, rotate once and rotate again within 1 second and hold the control.

- Tune in stations automatically.

Rotate, hold, and release to:

- Fast-forward/reverse a track.
- Find a station manually.

By pushing in and rotating the control



Push in and rotate the control to:

- Receive preset stations.
- Change discs during CD (MD) playback*¹.
- Change albums*⁴.

*¹ Only if the corresponding optional equipment is connected.

*² Available only when an optional Sony portable device is connected to AUX IN terminal of the unit. When you connect a Sony portable device and CD/MD unit(s) at the same time, use the AUX IN selector.

*³ If your car has no ACC (accessory) position on the ignition key switch, after turning off the ignition, be sure to press and hold **OFF** until the display disappears.

*⁴ Available only when an MP3 file is played.

When an MP3 file is played, you can select an album using the rotary commander.

(With this unit)

To	Do this
Skip albums – Album selection	Push in and rotate [once for each album] the control. To continuously skip albums, push in and rotate (and hold) the control.

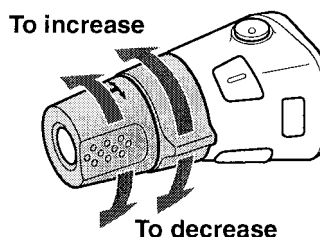
(With optional unit)

To	Do this
Skip discs – Disc selection	Push in and rotate [once for each disc] the control. To continuously skip discs, push in and rotate once and rotate again within about 1 second (and hold) the control.

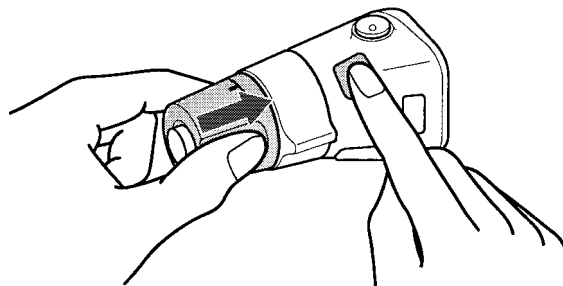
Skip albums – Album selection	Push in and rotate the control [hold for a moment] and release. To continuously skip albums, push in and rotate again (and hold) within about 1 second of first releasing the control.
----------------------------------	---

Changing the operative direction

The operative direction of controls is factory-set as shown below.



If you need to mount the rotary commander on the right hand side of the steering column, you can reverse the operative direction.



Press **SOUND** for 2 seconds while pushing the VOL control.

Tip

You can also change the operative direction of these controls with the unit (page 21).

Adjusting the sound characteristics

You can adjust the bass, treble, balance, fader, and subwoofer volume.

1 Press **(SOUND)** repeatedly to select the desired item.

Each time you press **(SOUND)**, the item changes as follows:

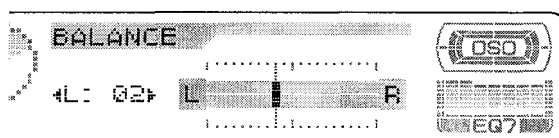
BASS (bass) → TREBLE (treble) →

BALANCE (left-right) →

FADER (front-rear) →

SUB (subwoofer volume)

2 Adjust the level of a selected item by pressing **←** or **→**.



After 3 seconds, the display returns to the normal play mode.

Note

Adjust within 3 seconds after selecting the item.

Tip

When adjusting with the rotary commander, press **(SOUND)** repeatedly and then rotate the VOL control.

Changing the BBE MP setting

The BBE MP process effectively adds warmth and provides clear CD quality sound even from heavily compressed MP3 material.

During playback on this unit, press **(5) (BBE MP) to select “BBE MP-on.”**

To cancel the BBE MP, select “BBE MP-off.”

Note

The BBE MP function is available only when playing back on this unit (when playing back on the optional unit, BBE MP is not available).

Tip

You can change the BBE MP setting only when playing back on this unit.

Quickly attenuating the sound

Press **(ATT)**.

“ATT-on” appears in the display momentarily.

To restore the previous volume level, press **(ATT)** again.

Tip

When the interface cable of a car telephone is connected to the ATT lead, the unit decreases the volume automatically when a telephone call comes in (Telephone ATT function).

Changing the sound and display settings

— Menu

The following items can be set:

Setup

- Clock Adjust (page 10)
- Beep — to turn the beeps on or off.
- AUX-A (page 24) — to turn the AUX source display on or off.

Display

- Clock (Clock Information)*¹ — to display the clock and the play mode at the same time (on).
- A.IMG (Auto Image)*¹ (page 24) — to step through the display images of one or all display modes.
- Demo (Demonstration)*² — to turn the demonstration display on or off.
 - Select “on” to activate demonstration display.
 - Select “off” to deactivate the demonstration mode.
- Info (Display Information)*¹ — to display the display items (depending on the source, etc.) at the bottom of the display while a display image is displayed:
 - Select “on” to display the display items, and by pressing (DSPL), the display item will change.
 - Select “off” to not display any display items.
- Dimmer — to change the brightness of the display.
 - Select “Auto” to dim the display only when you turn the lights on.
 - Select “on” to dim the display.
 - Select “off” to deactivate the Dimmer.
- Contrast*³ — to adjust the contrast if the indications on the display are not recognizable because of the unit’s installation position.
- A.Scroll (Auto Scroll) (page 12)
 - Select “on” to scroll automatically displayed names exceeding 12 characters.
 - When the Auto scroll function is set to “off” and the disc/album/track is changed, the disc/album/track name or ID3 tag does not scroll.

*¹ The items appear only in the main display window. You can adjust the items only when the front panel is closed.

*² When the unit is turned off.

*³ “Contrast” appears only in the sub display window. You can adjust “Contrast” only when the front panel is open.

Sound

- EQ7 Tune (page 22) — to adjust the equalizer curve.
- HPF (High pass filter) — to select the cut-off frequency to “78Hz,” “125Hz” or “off.”
- LPF (Low pass filter) — to select the cut-off frequency to “78Hz,” “125Hz” or “off.”
- Loudness — to enjoy bass and treble even at low volumes. The bass and treble will be reinforced.
- AUX Level (page 24) — to adjust the volume level of connected auxiliary equipment.

Receive Mode

- Local on/off (Local seek mode) (page 16)
 - Select “on” to only tune into stations with stronger signals.
- Mono on/off (Monaural mode) (page 16)
 - Select “on” to hear FM stereo broadcast in monaural.
 - Select “off” to return to normal mode.
- IF Auto/Wide (page 16)

1 Press (MENU).

2 Press ↑ or ↓ repeatedly until the desired item appears.

3 Press ← or → to select the desired setting (Example: “on” or “off”).

4 Press (ENTER).

After the mode setting is complete, the display returns to normal play mode.

Note

The displayed item will differ depending on the source.

Tip

You can easily switch among categories by pressing ↑ or ↓ for 2 seconds.

Setting the equalizer (EQ7)

You can select an equalizer curve for 7 music types (Xplod, VOCAL, CLUB, JAZZ, NEWAGE, ROCK, CUSTOM), and OFF (equalizer off).

You can store and adjust the equalizer settings for frequency and level.

You can store the EQ7 setting for each source.

Selecting the equalizer curve

1 Press **(SOURCE)** to select a desired source.

2 Press **(EQ7)** repeatedly to select a desired equalizer curve.

Each time you press **(EQ7)**, the item changes.



To cancel the equalizing effect, select "OFF."
After 3 seconds, the display returns to the normal play mode.

Adjusting the equalizer curve

1 Press **(MENU)**.

2 Press **↑** or **↓** repeatedly until "EQ7 Tune" appears, then press **(ENTER)**.

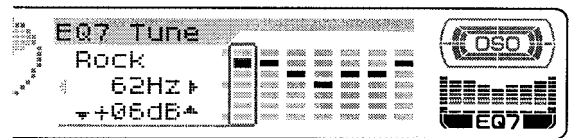
3 Press **←** or **→** to select the desired equalizer curve, then press **(ENTER)**.
Each time you press **←** or **→**, the item changes.

4 Select the desired frequency and level.

① Press **←** or **→** to select the desired frequency.

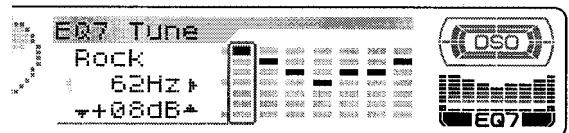
Each time you press **←** or **→**, the frequency changes as follows:

62Hz ↔ 157Hz ↔ 396Hz ↔ 1.0kHz
↔ 2.5kHz ↔ 6.3kHz ↔ 16kHz



② Press **↑** or **↓** to adjust the desired volume level.

The volume level is adjustable by 1 dB steps from -10 dB to +10 dB.



To restore the factory-set equalizer curve, press **(ENTER)** for 2 seconds.

5 Press **(ENTER)**.

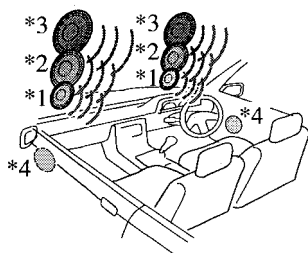
After the effect setting is complete, the display returns to the normal play mode.

Setting the Dynamic Soundstage Organizer (DSO)

If your speakers are installed into the lower part of the doors, the sound will come from below and may not be clear.

The DSO (Dynamic Soundstage Organizer) function creates a more ambient sound as if there were speakers in the dashboard (virtual speakers).

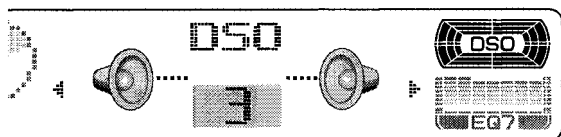
You can store the DSO setting for each source.



- *1 DSO 1
- *2 DSO 2
- *3 DSO 3
- *4 DSO OFF

1 Press **(SOURCE)** to select a desired source.

2 Press **(DSO)** to select "1, 2, 3" or "OFF."



To cancel the DSO mode, select "OFF."
After 3 seconds, the display returns to the normal play mode.

Notes

- Depending on the type of car interior or type of music, DSO may not have a desirable effect.
- If FM broadcasts are difficult to hear, set DSO to "OFF."

Selecting the display mode and display image

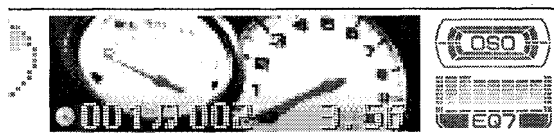
You can select from 3 different display modes. You can also select various display images in Wallpaper mode (1-5), Spectrum analyzer mode (1-6) and Movie mode (1-3).

Note

The default setting of Auto Image mode is "A.IMG-All." After a few seconds of releasing **(IMAGE)** on the unit, the unit returns to Auto Image mode. If you want to display a display image, set to "A.IMG-off" (page 24).

Selecting the display image

- 1** Press **(SOURCE)** to select a desired source.
- 2** Press **(IMAGE)** on the unit repeatedly to select the desired display image.
Example: Wallpaper mode



Each time you press **(IMAGE)** on the unit, the display image changes as follows:

Wallpaper mode 1-5 →
Spectrum analyzer mode 1-6 →
Movie mode 1-3 →
normal play mode

To cancel this mode, select normal play mode.

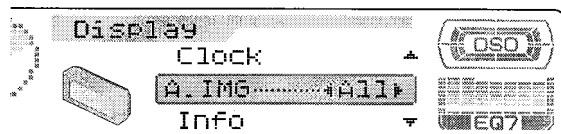
continue to next page →

Selecting the Auto Image mode

Auto Image mode automatically steps (every 10 seconds) through the display images of one or all display modes as follows:

- A.IMG-All — to shuffle repeatedly the display images in all display modes.
- A.IMG-SA — to step repeatedly through the display images of Spectrum analyzer mode.
- A.IMG-Movie — to step repeatedly through the display images of Movie mode.

- 1 Press **(SOURCE)** to select a desired source.
- 2 Press **(MENU)**.
- 3 Press **↑** or **↓** repeatedly until “A.IMG” appears.



- 4 Press **←** or **→** repeatedly to select the desired setting.
- 5 Press **(ENTER)**.

To cancel Auto Image mode, select “A.IMG-off.”

Tips

- During Auto Image mode, if you press **(IMAGE)** on the unit, the display image will change. After a few seconds of releasing **(IMAGE)** on the unit, this unit returns to the former Auto Image setting.
- If you set Info mode to “off,” no display items will appear (page 21).

Connecting auxiliary audio equipment

The unit’s AUX IN (external audio input) terminal on this unit is also used as the BUS AUDIO IN (audio input) terminal.

You can listen to the sound from your car speakers by connecting optional Sony portable devices.

Note

If you connect an optional Sony CD/MD unit, you cannot connect any portable devices and “AUX” will not appear in the display as a source. When you connect a Sony portable device and CD/MD unit(s) at the same time, use the AUX IN selector.

Selecting auxiliary equipment

Press **(SOURCE)** repeatedly to select “AUX.”



Adjusting the volume level

You can adjust the volume for each connected audio equipment.

- 1 Press **(MENU)**.
- 2 Press **↑** or **↓** repeatedly to select “AUX Level.”
- 3 Press **(ENTER)**.
- 4 Press **↑** or **↓** repeatedly to select a desired volume level.
The volume level is adjustable in 1 dB steps from -6 dB to +6 dB.
- 5 Press **(ENTER)**.

To deactivate auxiliary equipment in the source display

- 1 Press **(OFF)**.
CD playback or radio reception stops.
- 2 Press **(MENU)**.
- 3 Press **↑** or **↓** repeatedly until “AUX-A-on” appears.
- 4 Press **→** to select “AUX-A-off.”
- 5 Press **(MENU)**.

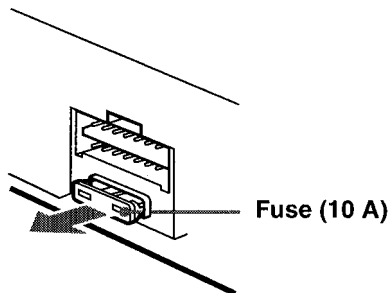
To restore the indication, select “AUX-A-on.”

Additional Information

Maintenance

Fuse replacement

When replacing the fuse, be sure to use one matching the amperage rating stated on the original fuse. If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In such a case, consult your nearest Sony dealer.

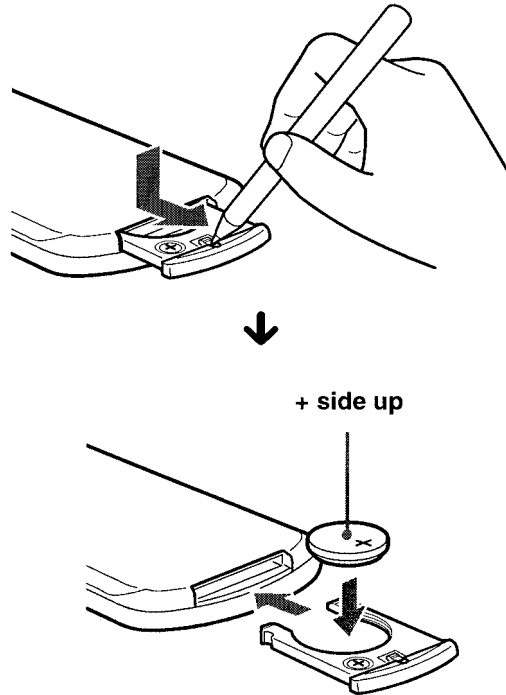


Warning

Never use a fuse with an amperage rating exceeding the one supplied with the unit as this could damage the unit.

Replacing the lithium battery

Under normal conditions, batteries will last approximately 1 year. (The service life may be shorter, depending on the conditions of use.) When the battery becomes weak, the range of the card remote commander becomes shorter. Replace the battery with a new CR2025 lithium battery. Use of any other battery may present a risk of fire or explosion.



Notes on lithium battery

- Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.
- Wipe the battery with a dry cloth to assure a good contact.
- Be sure to observe the correct polarity when installing the battery.
- Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.

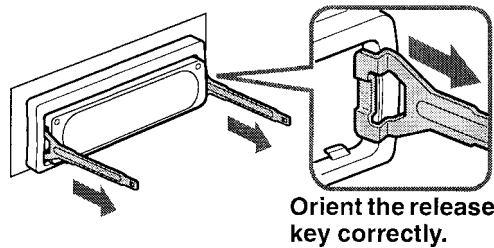
WARNING

Battery may explode if mistreated.
Do not recharge, disassemble, or dispose of in fire.

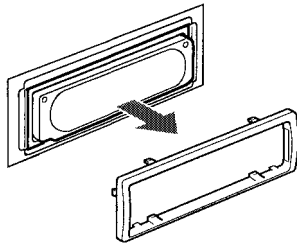
Removing the unit

1 Remove the protection collar.

- 1 Engage the release keys together with the protection collar.

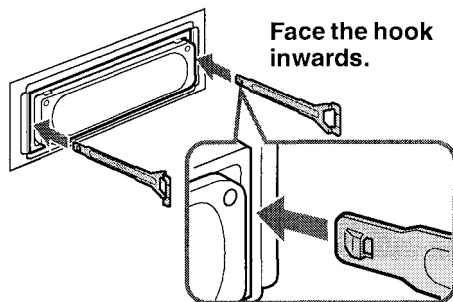


- 2 Pull out the release keys to remove the protection collar.

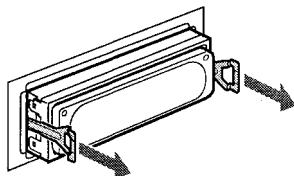


2 Remove the unit.

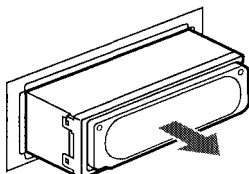
- 1 Insert both release keys together until they click.



- 2 Pull the release keys to unseat the unit.



- 3 Slide the unit out of the mounting.



Specifications

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

23.2 watts per channel minimum continuous average power into 4 ohms, 4 channels driven from 20 Hz to 20 kHz with no more than 5% total harmonic distortion.

CD Player section

Signal-to-noise ratio	120 dB
Frequency response	10 – 20,000 Hz
Wow and flutter	Below measurable limit

Tuner section

FM

Tuning range	87.5 – 107.9 MHz
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz/450 kHz
Usable sensitivity	9 dBf
Selectivity	75 dB at 400 kHz
Signal-to-noise ratio	67 dB (stereo), 69 dB (mono)
Harmonic distortion at 1 kHz	0.5 % (stereo), 0.3 % (mono)
Separation	35 dB at 1 kHz
Frequency response	30 – 15,000 Hz

AM

Tuning range	530 – 1,710 kHz
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz/450 kHz
Sensitivity	30 μ V

Power amplifier section

Outputs	Speaker outputs (sure seal connectors)
Speaker impedance	4 – 8 ohms
Maximum power output	52 W \times 4 (at 4 ohms)

General

Outputs	Audio output terminals (front/rear) Subwoofer output terminal (mono) Power antenna relay control terminal Power amplifier control terminal Telephone ATT control terminal Illumination control terminal BUS control input terminal BUS audio input or AUX IN terminal Remote controller input terminal Antenna input terminal
Inputs	

Tone controls	Bass \pm 10 dB at 62 Hz Treble \pm 10 dB at 16 kHz
Loudness	+8 dB at 100 Hz +2 dB at 10 kHz
Power requirements	12 V DC car battery (negative ground)
Dimensions	Approx. 178 \times 50 \times 184 mm (7 ¹ / ₈ \times 2 \times 7 ¹ / ₄ in) (w/h/d)
Mounting dimensions	Approx. 182 \times 53 \times 162 mm (7 ¹ / ₄ \times 2 ¹ / ₈ \times 6 ¹ / ₂ in) (w/h/d)
Mass	Approx. 1.7 kg (3 lb 12 oz)
Supplied accessories	Parts for installation and connections (1 set) Card remote commander RM-X143A Wireless rotary commander RM-X6S Wired rotary commander RM-X4S BUS cable (supplied with an RCA pin cord) RC-61 (1 m), RC-62 (2 m) CD changer (10 discs) CDX-757MX CD changer (6 discs) CDX-T69 MD changer (6 discs) MDX-66XLP XM Satellite Radio Receiver XT-XM1 Source selector XA-C30 AUX-IN Selector XA-300
Optional accessories	
Optional equipment	

Note

This unit cannot be connected to a digital preamplifier or an equalizer which is Sony BUS system compatible.

Design and specifications are subject to change without notice.

Troubleshooting

The following checklist will help you remedy problems you may encounter with your unit. Before going through the checklist below, check the connection and operating procedures.

General

No sound.

- Press **(VOL)** (+) to adjust the volume.
- Cancel the ATT function.
- Set the fader control to the center position for a 2-speaker system.
- You tried to play back MP3 files with an optional CD unit which is incompatible with MP3.
→ Play back with a Sony MP3 compatible CD unit, such as the CDX-757MX.

The contents of the memory have been erased.

- The RESET button has been pressed.
→ Store again into the memory.
- The power lead or battery has been disconnected.
- The power connecting lead is not connected properly.

No beep sound.

- The beep sound is canceled (page 21).
- An optional power amplifier is connected and you are not using the built-in amplifier.

The display disappears from/does not appear in the display window.

- The display disappears if you press and hold **(OFF)**.
→ Press and hold **(OFF)** again until the display appears.

Stored stations and correct time are erased. The fuse has blown.

Makes noise when the ignition key is in the ON, ACC, or OFF position.

The leads are not matched correctly with the car's accessory power connector.

No power is being supplied to the unit.

- Check the connection. If everything is in order, check the fuse.
- The car does not have an ACC position.
→ Press **(SOURCE)** (or insert a disc) to turn on the unit.

The power is continuously supplied to the unit.

The car does not have an ACC position.

The power antenna does not extend.

The power antenna does not have a relay box.

CD/MD playback

A disc cannot be loaded.

- Another CD is already loaded.
- The CD is forcibly inserted upside down or in the wrong way.

Playback does not begin.

- Defective MD or dirty CD.
- CD-R/CD-RW that is not finalized.
- You tried to play back a CD-R/CD-RW not designed for audio use.
- Some CD-Rs/CD-RWs may not play due to its recording equipment or the disc condition.

MP3 files cannot be played back.

- Recording was not performed according to the ISO 9660 level 1 or level 2 format, or the Joliet or Romeo in the expansion format.
- The file extension ".mp3" is not added to the file name.
- Files are not stored in MP3 format.

MP3 files take longer to play back than others.

The following discs take a longer time to start playback.

- a disc recorded with complicated tree structure.
- a disc recorded in Multi Session.
- a disc to which data can be added.

A disc is automatically ejected.

The ambient temperature exceeds 50°C (122°F).

The operation buttons do not function. CD will not be ejected.

Press the RESET button.

The sound skips from vibration.

- The unit is installed at an angle of more than 45°.
- The unit is not installed in a sturdy part of the car.

The sound skips.

Dirty or defective disc.

Radio reception

Preset tuning is not possible.

- Store the correct frequency in the memory.
- The broadcast signal is too weak.

The stations cannot be received.

The sound is hampered by noises.

- Connect a power antenna control lead (blue) or accessory power supply lead (red) to the power supply lead of the car's antenna booster. (Only if your car has a built-in FM/AM antenna in the rear/side glass.)
- Check the connection of the car antenna.
- The auto antenna will not go up.
 - Check the connection of the power antenna control lead.
- Check the frequency.
- When the DSO mode is on, the sound is sometimes hampered by noises.
 - Set the DSO mode to "OFF" (page 23).

Automatic tuning is not possible.

- The local seek mode is set to "on."
 - Set the local seek mode to "off" (page 21).
- The broadcast signal is too weak.
 - Perform manual tuning.

The "ST" indication flashes.

- Tune in the frequency accurately.
- The broadcast signal is too weak.
 - Set to the monaural reception mode (page 21).

A program broadcast in stereo is heard in monaural.

The unit is in monaural reception mode.
→ Cancel monaural reception mode (page 21).

Interference occurs during FM reception.

The wide mode is selected.
→ Set the IF mode to "IF-Auto" (page 21).

Error displays/Messages

Error displays

(For this unit and optional CD/MD changers)

The following indications will flash for about 5 seconds, and an alarm sound will be heard.

Blank*¹

No tracks have been recorded on an MD*².
→ Play an MD with recorded tracks on it.

Error*¹

- A CD is dirty or inserted upside down*².
 - Clean or insert the CD correctly.
- A CD/MD cannot play because of some problem*².
 - Insert another CD/MD.

Failure*³ (Illuminates until any button is pressed.)

The connection of speakers/amplifiers is incorrect.

→ See the installation guide manual of this model to check the connection.

FAILURE*³ (Illuminates for about 1 second.)

When the XM tuner is connected, storing an XM radio channel into a preset failed.

→ Be sure to receive the channel that you want to store, then try it again.

High Temp

The ambient temperature is more than 50°C (122°F).

→ Wait until the temperature goes down below 50°C (122°F).

NO Disc*¹

No disc is inserted in the CD/MD unit.

→ Insert discs in the CD/MD unit.

NO Magazine

The disc magazine is not inserted in the CD unit.

→ Insert the magazine in the CD unit.

NO Music*²

A CD which is not a music file is inserted in the MP3 playable CD unit.

→ Insert a music CD in the MP3 playable CD unit.

Offset

There may be an internal malfunction.

→ Check the connection. If the error indication remains on in the display, consult your nearest Sony dealer.

Push Reset

The CD/MD unit cannot be operated because of some problem.

→ Press the RESET button on the unit.

*¹ When the CD/MD changer is connected to the unit, the disc number of the CD or MD appears in the display.

*² The disc number of the disc causing the error appears in the display.





*³ "Failure" (small case) and "FAILURE" (upper case) are different messages.

If these solutions do not help improve the situation, consult your nearest Sony dealer.

Messages

Local Seek +/-

The local seek mode is on during automatic tuning (page 16).

"  " or "  "

You have reached the beginning or the end of the disc and you cannot go any further.



- Lead-free solder is used for soldering certain parts.
- Halogenated flame retardants are not used in the certain printed wiring boards.
- Halogenated flame retardants are not used in cabinets.
- Paper is used for the packaging cushions.

<http://www.sony.net/>

Sony Corporation Printed in Korea

FM/AM Compact Disc Player

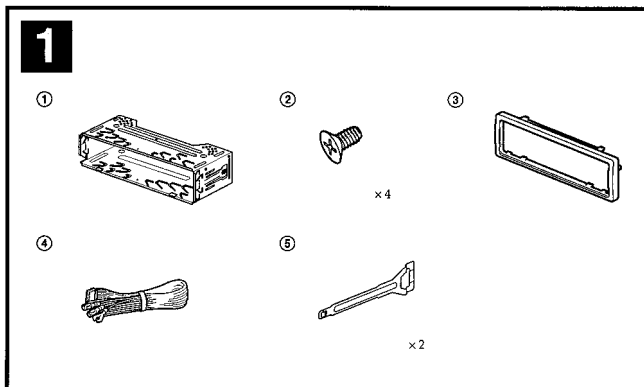
Installation/Connections

Installation/Connexions

Instalación/Conexiones

CDX-M8805X
CDX-M8800

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Equipment used in illustrations (not supplied)
Appareils utilisés dans les illustrations (non fournis)
Equipo utilizado en las ilustraciones (no suministrado)



Front speaker
Haut-parleur avant
Altavoz frontal



Power amplifier
Amplificateur de puissance
Amplificador de potencia



Rear speaker
Haut-parleur arrière
Altavoz posterior



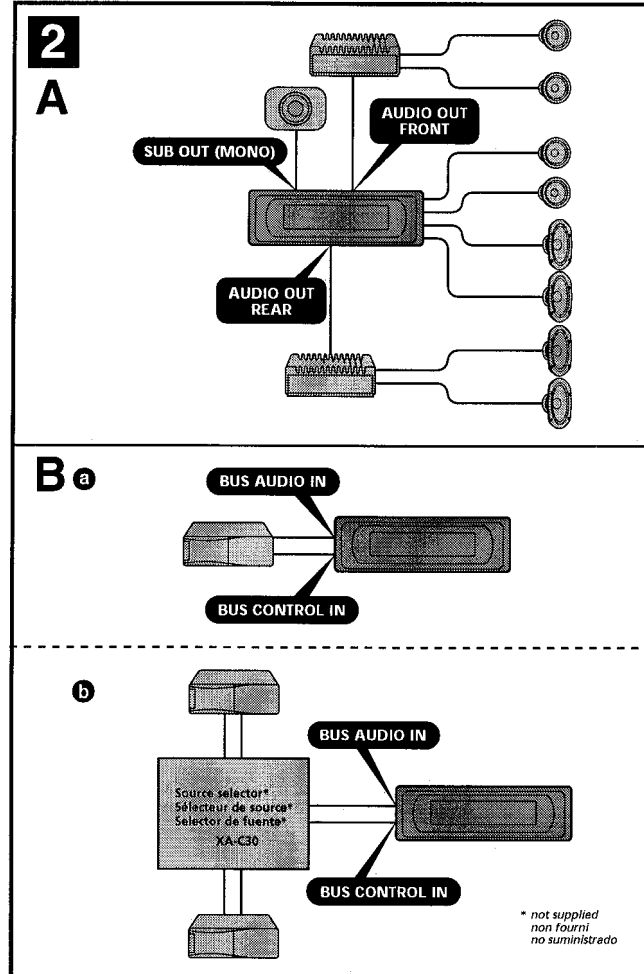
CD/MD changer
Changeur de CD/MD
Cambiador de CD/MD



Active subwoofer
Caisson de graves actif
Altavoz potenciador de graves activo



Rotary commander RM-X45
Satellite de commande RM-X45
Mando rotatorio RM-X45



Cautions

- This unit is designed for negative ground 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the yellow and red power input leads only after all other leads have been connected.
- Run all ground leads to a common ground point.
- Be sure to insulate any loose unconnected leads with electrical tape for safety.
- The use of optical instruments with this product will increase eye hazard.

Notes on the power supply lead (yellow)

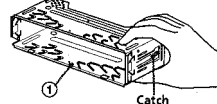
- When connecting this unit in combination with other stereo components, the connected car circuit's rating must be higher than the sum of each component's fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Parts list (1)

- The numbers in the list are keyed to those in the instructions.
- The bracket ① is attached to the unit before shipping. Before mounting the unit, use the release keys ② to remove the bracket ① from the unit. For details, see "Removing the bracket ①" on the reverse side of the sheet.
- Keep the release keys ② for future use as they are also necessary if you remove the unit from your car.

Caution

Handle the bracket ① carefully to avoid injuring your fingers.



Note
Before installing, make sure that the catches on both sides of the bracket ① are bent inwards 2 mm ($\frac{1}{16}$ in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out.

Connection example (2)

- Be sure to connect the ground lead before connecting the amplifier.
- If you connect an optional power amplifier and do not use the built-in amplifier, the beep sound will be deactivated.

Tip (2-B-C)
For connecting two or more CD/MD changers, the source selector XA-C30 (optional) is necessary.

Connection diagram (3)

- To a metal surface of the car
First connect the black ground lead, then connect the yellow and red power input leads.
- To the power antenna control lead or power supply lead of antenna booster amplifier
Notes
 - It is not necessary to connect this lead if there is no power antenna or antenna booster, or with a manually-operated telescopic antenna.
 - When your car has a built-in FM/AM antenna in the rear side glass, see "Notes on the control and power supply leads."
- To AMP REMOTE IN of an optional power amplifier
This connection is only for amplifiers. Connecting any other system may damage the unit.
- To the interface cable of a car telephone
- To a car's illumination signal
Be sure to connect the black ground lead to a metal surface of the car first.
- To the +12 V power terminal which is energized in the accessory position of the ignition key switch
Notes
 - If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times.
 - Be sure to connect the black ground lead to a metal surface of the car first.
 - When your car has a built-in FM/AM antenna in the rear side glass, see "Notes on the control and power supply leads."
- To the +12 V power terminal which is energized at all times
Be sure to connect the black ground lead to a metal surface of the car first.

Notes on the control and power supply leads

- The power antenna control lead (blue) supplies +12 V DC when you turn on the tuner.
- When your car has built-in FM/AM antenna in the rear side glass, connect the power antenna control lead (blue) or the accessory power input lead (red) to the power terminal of the existing antenna booster. For details, consult your dealer.
- A power antenna without a relay box cannot be used with this unit.

Memory hold connection

When the yellow power input lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

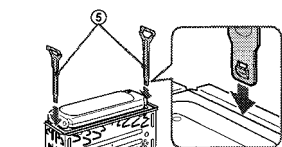
Notes on speaker connection

- Before connecting the speakers, turn the unit off.
- Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.
- Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.
- Do not connect the ground lead of this unit to the negative (-) terminal of the speaker.
- Do not attempt to connect the speakers in parallel.
- Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.
- To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (-) lead for the right and left speakers.
- Do not connect the unit's speaker leads to each other.

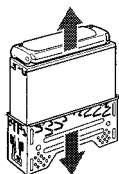
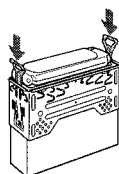
Note on connection

If speaker and amplifier are not connected correctly, "Failure" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

4



Face the hook inwards.
Tournez le crochet vers l'intérieur.
El gancho debe encontrarse en la parte interior.



5

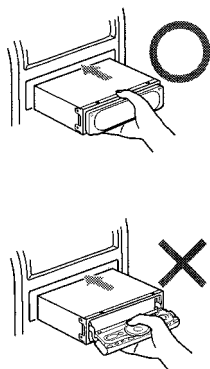
Extended portion of the front panel
Partie saillante de la façade
Parte sobresaliente del panel frontal

6.8 mm (1/2 in)
6.8 mm (1/2 po)
6.8 mm

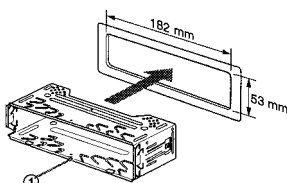
19.3 mm (3/2 in)
19.3 mm (3/2 po)
19.3 mm

6

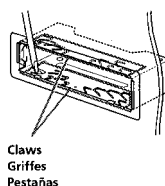
*



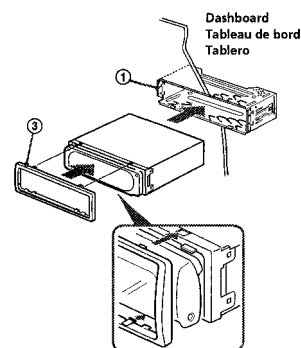
1



2



3



Precautions

- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperatures, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.

Mounting angle adjustment

Adjust the mounting angle to less than 45°.

Removing the bracket (4)

Before installing the unit, remove the bracket ① from the unit.

- Insert both release keys ⑤ together between the unit and the bracket ① until they click.
- Pull down the bracket ①, then pull up the unit to separate.

Extended portion of the front panel (5)

Mounting example (6)

Installation in the dashboard

When installing this unit, be sure to close the front panel of the unit (6-2).

If the front panel is opened while installing and given too much force, it may cause a malfunction.

Notes

- Bend these claws outward for a tight fit, if necessary (6-2).
- Make sure that the 4 catches on the protection collar ③ are properly engaged in the slots of the unit (6-3).

Mounting the unit in a Japanese car (7)

You may not be able to install this unit in some makes of Japanese cars. In such a case, consult your Sony dealer.

Note
To prevent malfunction, install only with the supplied screws ②.

Warning when installing in a car without ACC (accessory) position on the ignition key switch

After turning off the ignition, be sure to press and hold OFF on the unit until the display disappears.

Otherwise, the display does not turn off and this causes battery drain.

RESET button (8)

When the installation and connections are completed, be sure to press the RESET button with a ball-point pen, etc.

Precautions

- Choisissez soigneusement l'emplacement d'installation pour que l'appareil ne gêne pas le chauffeur pendant la conduite.
- Évitez d'installer l'appareil dans un endroit exposé à la poussière, à la saleté, à des vibrations excessives ou à des températures élevées comme en plein soleil ou à proximité de conduits de chauffage.
- Pour garantir un montage sûr, n'utilisez que le matériel fourni.

Réglage de l'angle de montage

Montez l'appareil à un angle inférieur à 45°.

Retrait du support (4)

Avant d'installer l'appareil, retirez le support ① de l'appareil.

- Insérez les clés de déblocage ⑤ entre l'appareil et le support ① jusqu'au déclic.
- Tirez le support ① vers le bas, puis tirez l'appareil vers le haut pour les séparer.

Partie saillante de la façade (5)

Exemple de montage (6)

Installation dans le tableau de bord

Avant d'effectuer le montage, assurez-vous que la façade de l'appareil est fermée (6-2). Si la façade est ouverte pendant l'installation et si elle est soumise à une force trop importante, un problème de fonctionnement peut se produire.

Remarques

- Si nécessaire, pliez ces griffes vers l'extérieur pour assurer une prise correcte (6-2).
- Assurez-vous que les 4 loquets situés sur le tour de protection ③ sont correctement engagés dans les fentes de l'appareil (6-3).

Installation de l'appareil dans une voiture japonaise (7)

Cet appareil ne peut pas être installé dans certaines voitures japonaises. Consultez, dans ce cas, votre détaillant Sony.

Remarque
Pour éviter tout dysfonctionnement, utilisez uniquement les vis ② pour le montage.

Avertissement en cas d'installation dans une voiture dont le contact ne comporte pas de position ACC (accessoires)

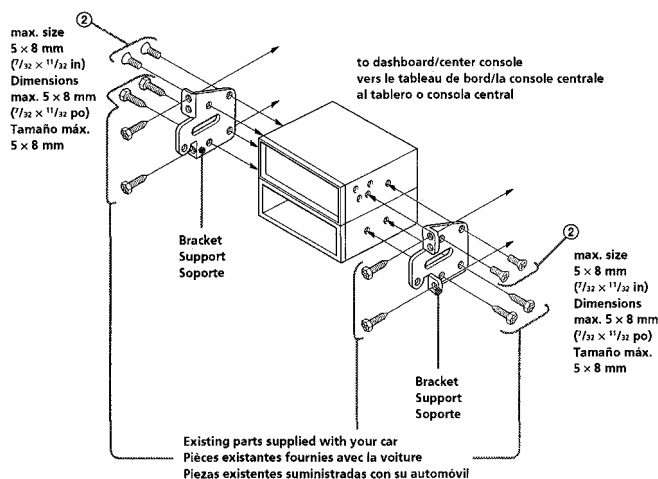
Après avoir coupé le moteur, n'oubliez pas de maintenir OFF enfoncée sur l'appareil jusqu'à ce que l'affichage disparaisse.

Sinon, l'affichage n'est pas désactivé et la batterie du véhicule se décharge.

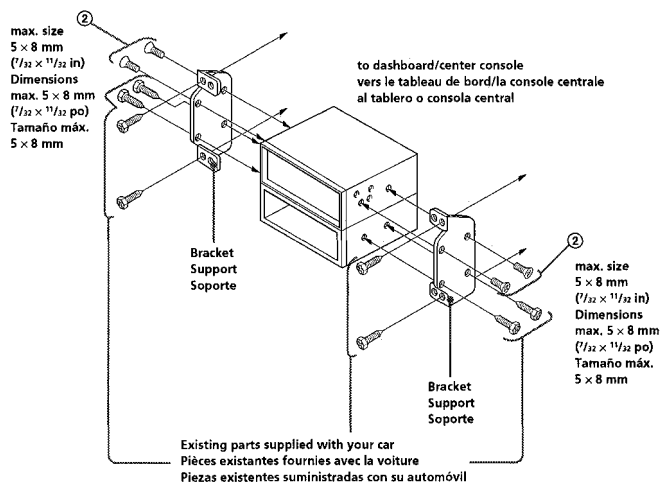
Touche RESET (8)

Quand l'installation et les raccordements sont terminés, appuyez sur la touche RESET avec un stylo à bille, etc.

7 A TOYOTA

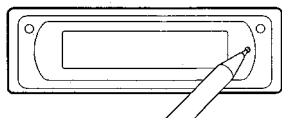


B NISSAN

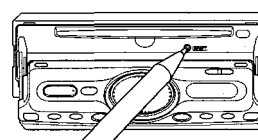


8

Main display-position
Position fermée : écran d'affichage principal
Posición de la pantalla principal



Sub display-position
Position d'accès au panneau de commande
Posición de la pantalla secundaria



Precauciones

- Elija cuidadosamente el lugar de montaje de forma que la unidad no interfiera con las funciones normales de conducción.
- Evite instalar la unidad donde pueda quedar sometida a altas temperaturas, como a la luz solar directa o al aire caliente de calefacción, o a polvo, suciedad, o vibraciones excesivas.
- Para realizar una instalación segura y firme, utilice solamente las herramientas de montaje suministradas.

Ajuste del ángulo de montaje

Ajuste el ángulo de montaje a menos de 45°.

Extracción del soporte (4)

Antes de instalar la unidad, extraiga el soporte ① de la misma.

- 1 Inserte ambas llaves de liberación ⑤ entre la unidad y el soporte ① hasta que encajen.
- 2 Presione el soporte ① y, a continuación, levante la unidad para separar ambos elementos.

Parte sobresaliente del panel frontal (5)

Ejemplo de montaje (6)

Instalación en el tablero

Cuando instale esta unidad, asegúrese de cerrar el panel frontal de la unidad (6-8). Si dicho panel está abierto mientras realiza la instalación y aplica demasiada fuerza, pueden producirse fallos de funcionamiento.

Notas

- Si es necesario, doble estas pestañas hacia fuera para que encaje firmemente (6-2).
- Compruebe que los 4 enganches del marco de protección ③ estén bien fijados en las ranuras de la unidad (6-3).

Montaje de la unidad en un automóvil japonés (7)

Usted no podrá instalar esta unidad en algunos automóviles japoneses. En tal caso, consulte a su distribuidor Sony.

Nota

Para evitar que se produzcan fallos, realice la instalación solamente con los tornillos suministrados ②.

Advertencia sobre la instalación en un automóvil que no disponga de posición ACC (accesorio) en el interruptor de la llave de encendido

Tras apagar el motor, asegúrese de mantener presionado **OFF** hasta que desaparezca la indicación.

De lo contrario, la pantalla no se apagará y la batería se descargará.

Botón RESET (8)

Cuando finalice la instalación y las conexiones, cerciórese de pulsar el botón RESET con un bolígrafo, etc.

SONY®

Car Audio

LIMITED WARRANTY

Sony Electronics Inc. ("Sony") warrants this Product (including any accessories) against defects in material or workmanship as follows:

1. **LABOR:** For a period of one (1) year from the date of purchase, if this Product is determined to be defective, Sony will repair or replace the Product, at its option, at no charge, or pay the labor charges to any Sony authorized service facility. After the Warranty Period, you must pay for all labor charges.
2. **PARTS:** In addition, Sony will supply, at no charge, new or rebuilt replacements in exchange for defective parts for a period of one (1) year. After the warranty period, you must pay for all parts costs.
3. **ACCESSORIES:** Parts and labor for all accessories are for one (1) year.

To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized Sony service facility.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception problems.

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Sony to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is valid only in the United States.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

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For your convenience, Sony Electronics Inc. has established telephone numbers for frequently asked questions:

To locate the servicer or dealer nearest you, or for service assistance or resolution of a service problem, or for product information or operation, call:

Sony Customer Information Services Center
1-800-222-7669
or visit the Sony Web Site:
www.sony.com

For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669)